



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



State Statistician: Debra K. Kenerson
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

http://www.nass.usda.gov/tn

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Crops and Pastures Continue to Improve

Crops and pastures continued to show improvement due in part to an ongoing pattern of moderate temperatures and timely rainfall. Tennessee experienced a few scattered showers during the week but not enough to delay field work. In some areas, cooler than average temperatures have slowed cotton and tobacco development, and also has helped promote the spread of disease. Only one-fourth of the tobacco crop remains to be topped, while harvest was in its second week. Cotton bolls are beginning to open, while over half of the soybeans are setting pods. The State’s corn crop continues to move closer to harvest with 17 percent mature. Grain harvest should begin near the end of the month if conditions remain favorable. Other activities across the state included silage harvest, aerial and ground spraying, and preparing machinery for harvest. There were 5 days suitable for field work last week. As of Friday, topsoil moisture levels were rated 4 percent short, 82 percent adequate, and 14 percent surplus, while subsoil moisture levels were rated 4 percent short, 87 percent adequate, and 9 percent surplus.

CROP PROGRESS: Through August 17, 2003					CONDITION: On August 15, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dough	97	93	97	95	Corn	2	3	13	56	26
Corn - Dent	79	68	87	77	Cotton	0	3	21	64	12
Corn - Mature	17	14	30	25	Soybeans	0	2	14	61	23
Corn Silage - Harvest	29	14	47	41	Tobacco	3	6	28	51	12
Cotton - Setting Bolls	97	87	99	100	Pastures	0	1	14	63	22
Cotton - Bolls Opening	3	N/A	4	7						
Soybeans - Blooming	81	70	97	90						
Soybeans - Setting Pods	60	39	82	69						
Tobacco - Topped	74	63	71	77						
Tobacco - Burley Harvested	14	4	16	23						
Tobacco - Air Cured Harvested	7	1	22	24						
Tobacco - Fire Cured Harvested	16	7	20	25						

CORN: Corn silage continues to be harvested with grain harvest still a week or so away. The State’s corn crop condition continues to be rated mostly good-to-excellent. Maturity was advancing at a pace slightly behind the 5-year average.

COTTON: Virtually all of the State’s cotton has set bolls and was beginning to open bolls at a pace moderately behind normal. Boll weevils and boll worm infestation remains light-to-none, while the crop was rated in mostly fair-to-good condition.

SOYBEANS: Soybean development continued to lag behind the normal pace, but conditions have improved slightly with last week’s spotty showers. Frogeye leafspot and stink bugs have increased in some areas, but controls have been applied where needed. The crop condition continues to be rated as mostly good-to-excellent.

TOBACCO: Almost three-fourths of the tobacco crop has been topped with harvest underway in most areas. Blue mold and black shank continued to be a problem in a number of counties. The crop was rated in mostly fair-to-good condition.

PASTURES & HAY: Some second and third cuttings of hay were being made, as weather permitted. Pasture conditions slightly improved last week and continued to be rated as mostly good-to-excellent.

FRUITS & VEGETABLES: Tomato harvest continued throughout the State. A new form of late blight has infected tomato fields in Grainger County, causing farmers problems.

TEMPERATURES AND PRECIPITATION For week ending: 08/17/03 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/17/03				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	08/17/03	Days	Since January 1	Normal	Total	DFN
Ames_Plantation	93	64	78	+1	0.58	2	48.59	+14.65	1718	-49
Tri-City_RGNL_A	88	63	76	+3	3.25	5	48.10	+20.92	1180	-17
Brownsville_TN	95	67	81	+2	0.22	2	38.26	+4.26	1866	+308
Chattanooga/Lov	93	66	79	+2	0.57	3	46.06	+11.32	1686	+37
Clarksville_Sew	93	64	78	+2	0.23	1	31.63	-0.98	1621	+53
Cookeville	92	62	76	+1	0.28	2	45.39	+8.38	1273	+295
Covington	93	64	77	-2	0.19	1	37.08	+3.86	1656	-147
Crossville_AP	87	62	75	+2	2.11	5	47.58	+11.03	1151	+38
Dickson_AG	88	56	73	-4	1.01	2	38.82	+4.00	1231	-410
Dover_1W	91	63	77	+1	0.83	3	37.17	+3.32	1479	+92
Dyersburg	93	64	78	-2	0.00	0	33.28	+0.88	1770	-148
Erwin_1W	89	62	75	+4	1.43	6	40.43	+7.46	1098	-333
Huntingdon_Wate	92	64	77	+0	1.36	2	36.50	+2.60	1571	+87
Jackson_AG	91	65	78	+0	1.17	2	35.53	+1.79	1684	-30
Kingston_AG	90	62	77	+3	0.58	3	46.87	+8.52	1326	+40
Knoxville_AP	91	63	78	+2	1.35	4	43.31	+11.65	1509	+78
Lewisburg	94	60	77	+2	0.94	2	44.34	+8.48	1402	-48
Lexington_TN	92	64	78	-1	0.72	3	36.96	+3.99	1558	+508
Linden	93	62	77	+2	0.43	3	42.49	+6.32	1366	-92
Martin	94	64	78	+1	0.05	1	37.65	+3.41	1598	-52
Mc_Minnville_Tn	91	64	78	+2	0.56	3	43.82	+8.93	1490	-337
Memphis_AG	94	65	79	-3	0.30	2	36.79	+3.63	1811	-323
Milan	92	62	77	+0	0.85	2	37.28	+2.45	1619	+8
Murfreesboro_5N	92	63	78	+1	0.09	2	42.93	+8.53	1479	-332
Nashville_Metro	91	65	79	+2	0.71	2	41.95	+11.01	1627	-89
Newcomb	89	64	76	+4	0.51	2	46.27	+10.40	1190	+144
Oneida	89	62	76	+4	0.52	4	40.60	+4.73	1162	-376
Pikeville	91	63	77	+2	0.75	2	49.47	+14.65	1452	+35
Portland_TN	92	63	77	+2	0.12	2	40.26	+6.58	1382	-32
Pulaski_Water_P	92	64	77	-2	0.77	2	43.45	+7.88	1479	-242
Savannah_6SW	91	61	77	-3	2.67	3	51.74	+14.90	1461	-44
Sparta_TN	90	62	78	+3	0.29	2	48.62	+12.67	1487	+266
Springfield	90	62	77	+1	1.43	2	34.73	+2.36	1404	-27
Springhill	93	62	78	+2	0.69	3	44.17	+8.25	1558	+111
Union_City	93	62	77	+0	0.26	2	35.86	+2.54	1492	-117
Waynesboro_TN	90	62	77	+2	0.97	4	45.60	+7.83	1401	-261

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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